

# INTEROFFICE MEMORANDUM

To: FILE - GLENSTONE AND GRAND

CC:

From: Gene Pabst *GP*

Date: September 25, 1995

Subject: Gasoline in the Sanitary Sewer.

At 4:20 P.M. Friday September 22, 1995, sewer maintenance personnel informed us of a gasoline problem in the sanitary sewer at Glenstone Ave. and Grand St. They were out earlier in the day flushing the line, because of a complaint of a gasoline smell in a business. I went to the area and checked the following manholes between 4:45 - 5:15 P.M. and obtained a 0% L.E.L. at all locations.

Wye map Q-13 MH 47, MH 48, MH 49, MH 58, MH 59, MH 62

Wye map R-13 MH 35, MH 36

I pulled several Manhole covers and could not smell gasoline. It appears that someone apparently dumped gasoline down the sanitary sewer.

**FROM THE DESK OF...**

GENE PABST

WATER POLLUTION CONTROL INSPECTOR

CITY OF SPRINGFIELD

1216 W. NICHOLS

SPRINGFIELD, MO 65802

417-864-1488

*960 S. Glenstone (Glenstone & Grand)*

City of Springfield  
Water Pollution Control Section  
Pollution Complaint/Report Form

Date 8/8/91

Report From:

- ☐ Citizen  
☐ Fire Dept  
☐ Sewer Maintenance  
☒ Other HEALTH

Received By: R. LYNN

Referred To: G. PABST

Date of Incident: 8/8/91  
ongoing

Complainant Information:

Name Tom FARE  
Address HEALTH  
Phone 864-1668  
Directions(if needed) \_\_\_\_\_

Responsible Party Information:

Name SIGNA (Scribner Oil Co.)  
Address 960 S. Glenstone  
Phone \_\_\_\_\_

Possible contamination of: ☐ soil ☒ groundwater  
☒ surface water what body? \_\_\_\_\_  
☐ other \_\_\_\_\_

Other Pertinent Information \_\_\_\_\_

Who to contact:

- |   |                                       |  |
|---|---------------------------------------|--|
| <input type="checkbox"/> DNR 417-883-4033     | <input type="checkbox"/> Bob Schaefer | <input type="checkbox"/> Sewer Const           |
| <input type="checkbox"/> DNR 314-634-2436     | <input type="checkbox"/> CU 831-8320  | <input type="checkbox"/> Chemtrec 800-424-9300 |
| <input type="checkbox"/> EPA 913-236-3378     | <input type="checkbox"/> Street Dept  | <input type="checkbox"/> DOT                   |
| <input type="checkbox"/> Fire Dept 864-1719   | <input type="checkbox"/> Health Dept  | <input type="checkbox"/> NRC 312-790-5500      |
| <input type="checkbox"/> Police Dept 864-1719 | <input type="checkbox"/> Sewer Maint  | <input type="checkbox"/> Other _____           |

Details of Incident: WATER SURFACES AT S.W. CORNER OF  
LOT, NEAR PHONE BOOTH, FROM CRACK IN CONCRETE.  
REPORTEDLY SMELLS SEWAGE-LIKE AND HAS  
BLACK RESIDUE SURFACING.

Action needed:

MAKE INSPECTION, DYE OR SAMPLE  
FOR P.C. / F.S. to determine IF SEWAGE. Might  
CHECK FOR CHLORINE PRESENCE.

960 S. GLENSTONE



### Investigation Results

8/14/91 I TALKED TO THE MANAGER OF THE SIGNAL STATION ABOUT THE WATER. SHE SAID IT HAD BEEN COMING OUT FOR SOME TIME & SOMEONE TOLD HER IT WAS COMING FROM THE BAMBOO INN (948 S. GLEASTONE) NEXT DOOR. I PUT DYE IN THE TOILET & CHECKED THE WATER 3 TIMES DURING THE DAY, BUT NO DYE EVER CAME OUT.

8/15/91 I CHECKED THE WATER DURING THE DAY, BUT THERE WAS NO DYE IN IT.

8/19/91 I TOOK A FECAL COLIFORM, FECAL STREP SAMPLE OF THE SEEPAGE & TOOK IT TO THE SWTP LAB.

9/5/91 I CALLED DAN GRAY OF ARCH BAY CO. 869-3112. BELL TEL. CO. HAD DUG UP THE AREA WHERE WATER SURFACES. THEY FOUND WHAT APPEARED TO BE AN OLD CLAY TILE DRAIN PIPE, PROBABLY A ROOF LEADER, GOING TO STATE HIGHWAY STORM SEWER. THE STATE STORM SEWER IS ALMOST TOTALLY PLUGGED UP WITH GRAVEL ETC. AND MAY BE CLEANED AT A LATER DATE. DURING DRY WEATHER FLOW CEASED, BUT RELEAKAGE HAS APPEARED AFTER RAINFALL EVENTS. APPEARS TO BE A SURFACE, SHALLOW GROUNDWATER PROBLEM.

DAN GRAY CALLED TO SAY THE ICE MACHINE WAS CONNECTED TO THE STORM PIPE AND OVERFLOW DRAINAGE ~~WAS~~ WAS TRIBUTARY. THEY HAD DISCONNECTED THIS AND IS NOW GOING TO SANITARY SEWER. R. Lyman

## SOUTHWEST WASTEWATER PLANT LABORATORY, SPRINGFIELD, MISSOURI

## ANALYSIS DATA REPORT

SEP 10 1991

SAMPLE NUMBER: 6293  
 SAMPLE NAME: SIGNAL STATION

DATE OF SAMPLE: 08/19/91      TIME SAMPLER OUT:  
 DATE SUBMITTED: 08/19/91      METER START:  
 TIME SUBMITTED: 10:45:00      METER END:  
 SAMPLE TYPE: GRAB      TEMP. DEG/C:  
 SUBMITTED BY: CHANDLER      DIS. OXY. MG/L:  
 SET UP BY:      FLOW: MGD:  
 REMOVED BY:      VOLUME:  
 TIME SAMPLER IN: 10:20:00      DEPTH:  
 COMMENTS:

CONVENTIONAL PARAMETERS		TOTAL METALS UG/L	DISSOLVED METALS UG/L	TOTAL RECOVERABLE METALS UG/L
BOD-5	MG/L:	CU:		
PH	STD. UNITS:	CR:		
NFR	MG/L:	ZN:		
COD	MG/L:	CD:		
TOC	MG/L:	PB:		
NH3-N	MG/L:	NI:		
NO3-N	MG/L:	AG:		
NO2-N	MG/L:	FE:		
NO3+NO2-N	MG/L:	HG:		
CHLORIDE	MG/L:	MN:		
SULFATE	MG/L:	BA:		
TKN	MG/L:	SE:		
TOX	UG/L	AS:		
O-PO4-P DIS	MG/L:	AL:		
TP	MG/L:	SB:		
CN TOTAL	UG/L:	B :		
CN AMMENA	UG/L:	CO:		
TDS	MG/L:	TI:		
PHENOLICS	UG/L:	CR+6:		
OIL&GREASE	MG/L:	BE:		
MBAS	MG/L:	TL:		
TURBIDITY	NTU:	K :		
CONDUCT	UMOS/CM:	NA:		
TOTAL COLI/100ML:	TNTC	MO:		
FECAL COLI/100ML:	500	CA:		
FECA STREP/100ML:	25800	MG:		
TOTAL CL2	MG/L:			
FREE CL2	MG/L:			
SULFIDE	MG/L:			
FLUORIDE	MG/L:			

CALCULATED HARDNESS MG EQ. CaCO3/L:



CITY OF SPRINGFIELD  
SAMPLING LOG SHEET

SEP 10 1991

SAMPLE NAME SIGNAL STATION TIME SAMPLER IN 10:20:AM  
 SAMPLE DATE 8-19-91 TIME SAMPLER OUT       :      :        
 SAMPLE NUMBER 6293 METER END         
 SAMPLE TYPE GRAB METER START         
 SET UP BY CHANDLER REMOVED BY         
 COMMENTS       

WATER COMING UP FROM CRACK IN PARKING LOT  
(ON SOUTH WEST CORNER OF LOT)

CONVENTIONAL  
PARAMETERS

METALS ANALYSES  
|        HNO<sub>3</sub>        FLT |  
TOTAL DISLV RECOV

OTHER  
PARAMETERS

BOD <sub>5</sub>	_____	CU	_____	VOLATILE ORGANICS (624)	_____
pH S.U.	_____	CR	_____	BASE NEUTRALS (625)	_____
NFR	_____	ZN	_____	ACID EXTRACTIBLES (625)	_____
COD	H <sub>2</sub> SO <sub>4</sub>	CD	_____	PESTICIDES (608)	_____
TOC	H <sub>2</sub> SO <sub>4</sub>	PB	_____	T.C.D.D.	_____
TOX	H <sub>2</sub> SO <sub>4</sub>	NI	_____	P.P. (624,625,608,METALS,CN)	_____
NH <sub>3</sub> -N	H <sub>2</sub> SO <sub>4</sub>	AG	_____	IGNITIBILITY	_____
NO <sub>3</sub> -N	_____	FE	_____	CORROSIVITY	_____
NO <sub>2</sub> -N	_____	HG	_____	REACTIVITY	_____
NO <sub>3</sub> +NO <sub>2</sub> -N	H <sub>2</sub> SO <sub>4</sub>	MN	_____	T.C.L.P.	_____
CHLORIDE	_____	BA	_____	T.T.O. (624,625,608)	_____
SULFATE	_____	SE	_____	SULFIDE ZNA,NAOH	_____
TKN	H <sub>2</sub> SO <sub>4</sub>	AS	_____	FLUORIDE	_____
O-PO <sub>4</sub> -P D	FLT	AL	_____	COLOR	_____
TP	H <sub>2</sub> SO <sub>4</sub>	SB	_____	ODOR	_____
CN TOTAL	NAOH	B	_____	TEMP	_____
CN AMENA	NAOH	CO	_____	VOLUME	_____
TDS	FLT	TI	_____	DEPTH	_____
PHENOLICS	H <sub>2</sub> SO <sub>4</sub>	CR+6	_____	HARDNESS (CALC) CA,MG	_____
O & G	H <sub>2</sub> SO <sub>4</sub>	BE	_____	WEATHER	_____
MBAS	_____	TL	_____	_____	_____
TURBIDITY	_____	K	_____	_____	_____
CONDUCT	_____	NA	_____	_____	_____
CORR	_____	MO	_____	_____	_____
TOT COLI	✓	CA	_____	_____	_____
FEC COLI	✓	MG	_____	pH METER NO.	_____
FEC STREP	✓	_____	_____	CONDUCTIVITY METER NO.	_____

CHAIN OF CUSTODY RECORD

RELINQUISHED BY	RECEIVED BY	DATE	TIME
<u>R. Chandler</u>	<u>Mark P. Smith</u>	<u>8/19/91</u>	<u>10:45AM</u>

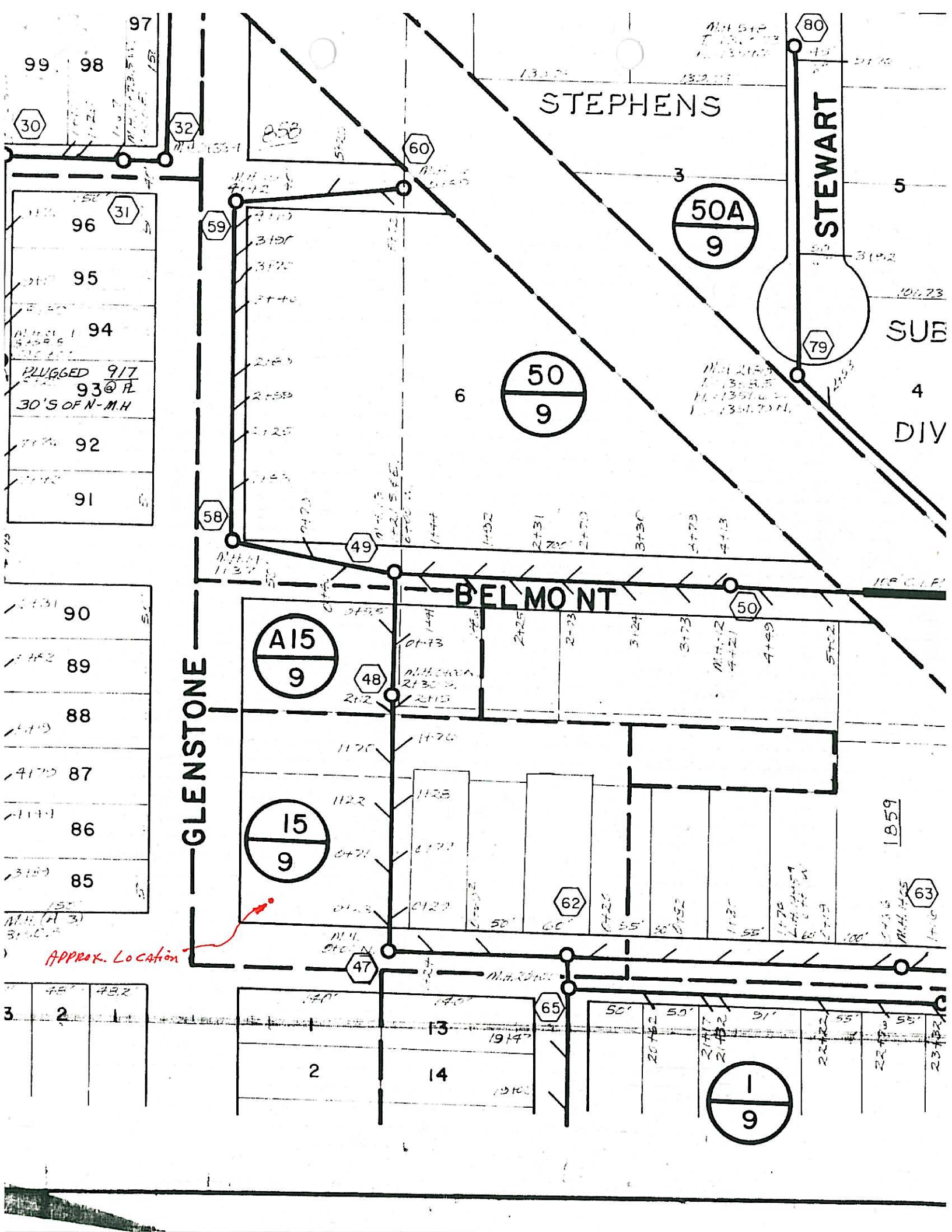
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CITY OF SPRINGFIELD  
INTER-OFFICE MEMORANDUM

ATTENTION OF \_\_\_\_\_ FILE \_\_\_\_\_

DATE 4-11-85

DEPARTMENT \_\_\_\_\_

On April 3, 1985, at 9:00 p.m., Bob Corson responded to a spill at the Village Mart gasoline station and deli at 960 S. Glenstone. There was apparently a broken service line to the no-lead dispenser. The fire department shut down the dispensers at this time, but the owner wanted to go ahead and dispense regular gasoline.

At 9:30 a.m. on April 4, 1985, Bob called Fire Marshall Mike Martin about the situation. Mike told Bob that he would call Joe Montgomery, who was going to perform an air test on the regular line, to get an opinion of the situation.

At 10:00 a.m. Rich Scribener, the owner of the station, called to say that the air test on the regular line showed no loss of product. He said that their records on the regular tank showed no loss of product. He also said that since the no-lead system was a submerged system, there would have been no product loss until the pump was turned on. Mr. Scribener was going to have the no-lead service line repaired at 12:00 p.m. and said that he would do whatever else was necessary to correct the problem. At this time he had no idea of how much product was lost.

At 11:15 I called Mike Martin back. He said that he had talked to Joe Montgomery and apparently only the no-lead line was leaking. He said that he was going to let the station open up and use only the regular gasoline dispensers, but that Joe Montgomery said that he thought there was a law that stated a station couldn't dispense any gasoline product if no-lead couldn't be dispensed. He asked the legal department to check on this law. I asked him about the air test on the lines. He said that according to the Fire Code the Petro-tite test is required only on tanks and the air test was acceptable for lines.

At 1:30 p.m. I went to the Village Mart station and personnel from Hawks Repair and Equipment were replacing the broken line to the dispenser. Rex Maberry of Hawks said that they would be done that afternoon and would pressure test the line. I requested that he send a note to this office with the results of the pressure test. I checked several manholes and storm sewer grates in the area with the explosion meter (see attached map). The results were:

MH #32	0% of LEL
MH #33	covered over
MH #34	covered over
MH #35	0% of LEL
MH #36	0% of LEL
MH #1	0% of LEL
MH #2	0% of LEL
MH #3	0% of LEL
Storm grate #1	10% (aspirated water into the explosion meter)
Storm grate #2	0%

At 2:45 Rich Scribener called and I advised him to report the spill to the USEPA, the MDNR and the local DNR office. He said that he might have the whole system tested.

SIGNED \_\_\_\_\_

*960 S. Glenstone*



CITY OF SPRINGFIELD  
INTER-OFFICE MEMORANDUM

ATTENTION OF \_\_\_\_\_ FILE \_\_\_\_\_

DATE 4-11-85 \_\_\_\_\_

DEPARTMENT \_\_\_\_\_

At 2:45 John Hawks of Hawks Repair and Equipment called and told Bob Corson that both the regular and no-lead lines had been tested at 35 lbs. of pressure for 1 hour and the pressure held.

At 3:00 p.m. Mike Martin called and said that the pressure test results were acceptable and that he would let them open.

At 3:10 Rich Scribener called and said he estimated a product loss of 15-20 gallons. He said that the problem occurred because the concrete pad over the line was broken and rocks were thrown in the holes instead of backfill. This apparently caused a pinhole in the pipe.

At 3:30 Dave Cavender of DNR called and said Scribener had reported the spill.

On Monday, April 8, at 3:00 p.m. I checked the manholes and storm grates around the Village Mart Station again. The results were:

MH #32	0% of LEL
MH #33	covered over
Mh #34	covered over
MH #35	0% of LEL
MH #36	0% of LEL
MH #1	0% of LEL
MH #2	0% of LEL
MH #3	0% of LEL
Storm grate #1	Dry
Storm grate #2	dry

This office will bill the owner of the station for this spill.

cc: Bob Schaefer, P.E., Superintendent of Sanitary Services  
Henry Cole, P.E., Sanitary Engineer  
Chuck Kroeger, MDNR

SIGNED

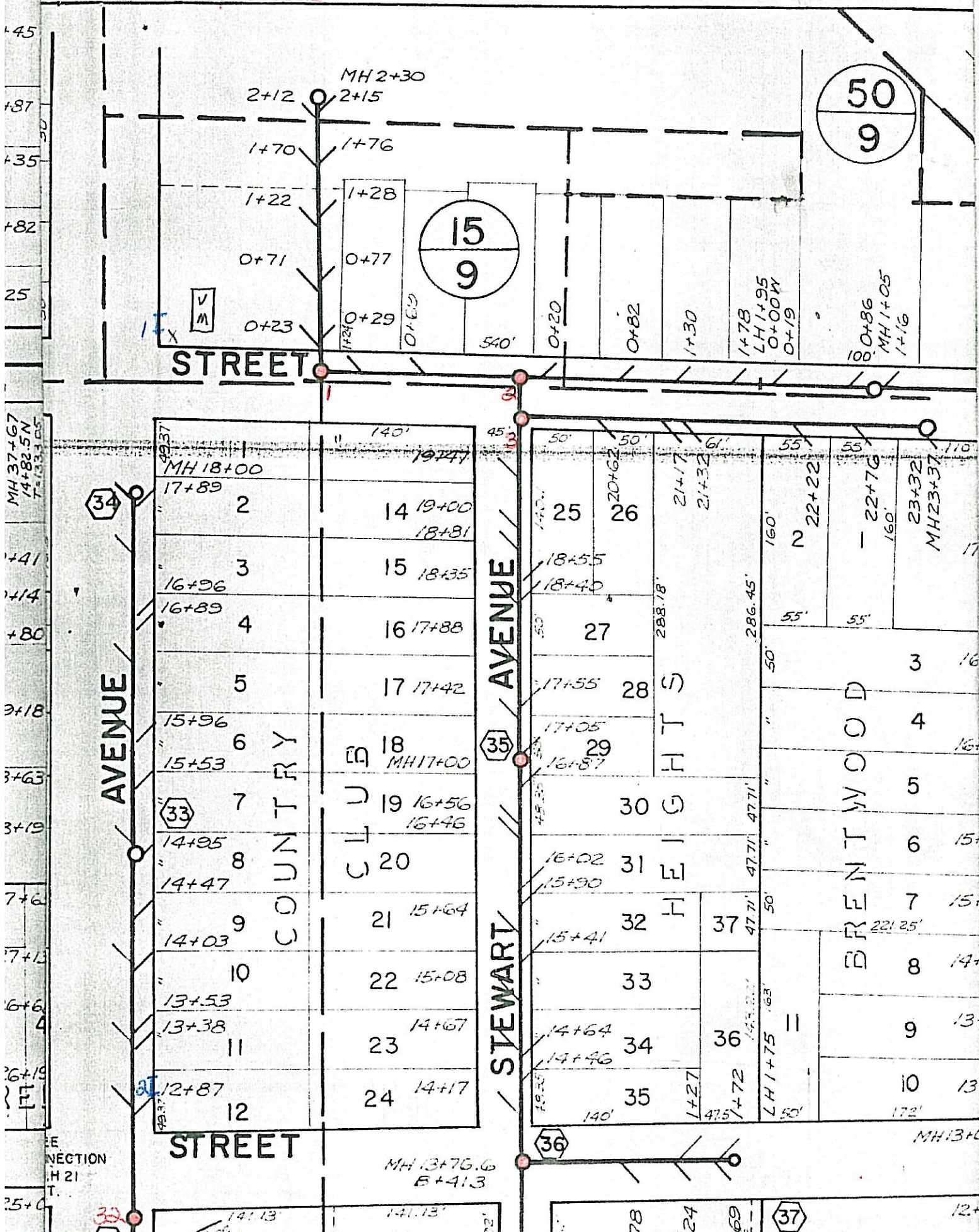


Karen Chandler  
Water Pollution Control Inspector II  
Surveillance & Enforcement

960 S. Glenstone



④ SANITARY SEWER






MEMO TO FILE

RE: Gasoline Spill - Signal Station, 960 S. Glenstone

On September 6, 1990, at approximately 9:00 a.m., Steve Short and I drove past the signal station at 960 S. Glenstone (Grand Street and Glenstone Avenue) and noticed what appeared to be a gasoline spill. Upon investigation we found that a customer had driven away from the station with the hose from the dispenser still connected to his vehicle. It had pulled the end of the nozzle off the line and allowed gasoline to spill onto the concrete pad. The lady that was working at the station was dumping buckets of water on the gasoline. We told her that putting water on the gasoline would make the problem worse and that she should contact the Fire Department. She stated that she had contacted the owner (Scrivener Oil Company - Mr. Rich Scrivener) and he told her to put water on it. I contacted Mr. Scrivener by telephone and he stated that they probably only lost 3-5 gallons and he did not think it was necessary to call the Fire Department. After discussing the matter with Steve Short, we decided to contact the Fire Department because we have had problems with gasoline in the sanitary sewer in that area. I called the Fire Department dispatcher and he sent out a pumper truck. The Fire Department placed sawdust on the spilled gasoline. Some of the gasoline and water did reach a storm sewer intake in Glenstone, but the drain was plugged with dirt so it never actually entered the storm sewer.

Since there appeared to be a rather large volume of gasoline under the dispenser, Steve and I and the Fire Department thought that there might be some problem with the piping. The lady at the station said that someone had been called to fix the pump. Steve and I checked the City sanitary sewer, which runs east-west on the south side of the station, and obtained 0% LEL. Fire Marshal Gustafson arrived and we informed him that there was 0% LEL in the sanitary sewer.

Steve and I left and returned about 10:30 a.m. to recheck the City sanitary sewer. We found 0% LEL. There were people there working on the dispenser and they said that they were going to check the piping to make sure everything was tight. We will watch the sanitary sewer to see if this spill causes a problem.

  
Gene Pabst

GP/jb

960 S. Glenstone